

STATE OF KANSAS
STATE CORPORATION COMMISSION
200 Colorado Derby Bldg.
Wichita, Kansas 67202

Form CP-4
Rev. 12-15-80

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit

COUNTY Kiowa SEC. 14 TWP. 27S RGE. 16W E/W
Location as in quarters or footage from lines:
C NW/4 SE/4

Locate Well
correctly on above
Section Platt.

Lease Owner Imperial Oil Company
Lease Name Hendricks Well No. 1-14
Office Address 720 Fourth Financial Center, Wichita, Ks. 67202
Character of Well (Completed as Oil, Gas or Dry Hole): D & A
Date Well Completed July 1, 1981
Application for plugging filed July 1, 1981
Plugging commenced July 1, 1981
Plugging completed July 1, 1981
Reason for abandonment of well or producing formation D & A

Was permission obtained from the Conservation Division or it's
Agent's before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Wm. T. Owen
Producing formation _____ Depth to top _____ bottom _____ T.D. 4,680'
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

Casing Record

Formation	Content	From	To	Size	Put in	Pulled Out
				8 5/8"	365'	-0-

Describe in detail the manner in which the well was plugged, indicating where the mud
fluid was placed and the method or methods used in introducing it into the hold. If cement
or other plugs were used, state the character of same and depth placed, from _____ feet
to _____ feet for each plug set.

Plug #1 @ 900' w/60 sx cement
#2 @ 360' w/40 sx cement
#3 @ 40' w/10 sx cement

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor Red Tiger Drilling Company
1720 KSB Building, Wichita, Kansas 67202

STATE OF Kansas COUNTY OF Sedgwick, ss.
Gloria Fawcett (employee of ~~owner~~) or (contractor/owner/operator) of the
above-described well, being first duly sworn on oath, says: That I have knowledge of the
facts, statements, and matters herein contained and the log of the above-described well as
filed and that the same are true and correct. So help me God.

(Signature) Gloria Fawcett
1720 KSB Building, Wichita, Ks. 67202
(Address)

SUBSCRIBED AND SWORN TO before me this 7th day of July, 1981.

Joyce A. Baer
Notary Public.

My Commission expires: _____



KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

API No. 15 — 097 — 20,773 - 0000
County Number

S. 14 T. 27 R. 16 W
Loc. 730 FNL, 770 FWL, SE/4
County Kiowa

Operator
Imperial Oil Company

Address
720 Fourth Financial Center, Wichita, Kansas 67202

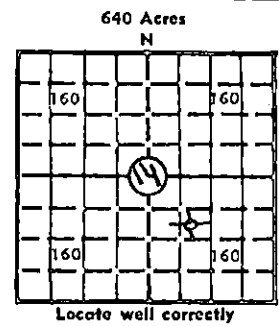
Well No. *1-14* Lease Name *HENDRICKS*

Footage Location
730 feet from (N) (S) line 770 feet from (E) (W) line SE/4

Principal Contractor *Red Tiger Drilling Co.* Geologist *Macklin M. Armstrong*

Spud Date *6/19/81* Date Completed *7/1/81* Total Depth *RTD 4680'* P.B.T.D.

Directional Deviation *NA* Oil and/or Gas Purchaser



Locate well correctly
Elev.: Gr. *2071*
DF. *KB 2076*

CASING RECORD

Report of all strings set— surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
<i>Surface</i>	<i>12 1/2"</i>	<i>8 5/8"</i>	<i>24#</i>	<i>365'</i>	<i>Lite Common</i>	<i>175</i> <i>125</i>	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production _____ Producing method (flowing, pumping, gas lift, etc.) _____

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio

Disposition of gas (vented, used on lease or sold) _____ Producing interval(s) _____

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator <i>Imperial Oil Company</i>		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. <i>1-14</i>	Lease Name <i>HENDRICKS</i>	<i>Dru Hole</i>
<i>S 14 T 27 R 16 W</i>		

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
<u>DST #1</u> 4030-70' 60/120/90/180 Rec. 190' HGCM IFP: 59-88# ISIP: 1458# FFP: 88-132# FSIP: 1458#			<u>E-Log Tops</u> Heebner Lansing Marmaton	 3866 (-1790) 4035 (-1959) 4446 (-2370)
<u>DST #2</u> 4481-4535' 60/120/60/120 Rec. 90' DM IFP: 72-82# ISIP: 412# FFP: 103-103# FSIP: 432#			Cherokee Sh. Cherokee Sd. Mississippi Kinderhook Sh.	4504 (-2428) 4509 (-2433) 4528 (-2452) 4566 (-2490)
<u>DST #3</u> 4535-71' 60/120/120/120 Rec. 50' SGCM IFP: 52-62# ISIP: 842# FFP: 62-62# FSIP: 1129#			Kinderhook Sd. Kinderhook Cht Viola LTD	4587 (-2511) 4607 (-2531) 4641 (-2565) 4680 (-2604)
<u>DST #4</u> 4566-92' 30/60/30/90 Rec. 30' SGCM IFP: 52-52# ISIP: 72# FFP: 62-62# FSIP: 82#				
<u>DST #5</u> 4584-4623' 60/120/60/120 Rec. 30' DM IFP: 41-62# ISIP: 124# FFP: 62-62# FSIP: 103#				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	<i>Robert C. Paulsch</i> Signature
	Attorney-in-Fact Title
	July 14, 1981 Date

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

S. 14 T. 27S R. 16W ^E/_W
 Loc. C NW/4 SE/4
 County Kiowa

API No. 15 — 097 — 20,773-0000
 County Number

Operator
Imperial Oil Company

Address
720 Fourth Financial Center

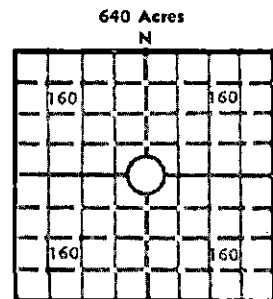
Well No. 1-14 Lease Name Hendricks

Footage Location
 feet from (N) (S) line feet from (E) (W) line

Principal Contractor Red Tiger Drilling Company Geologist Mack Armstrong

Spud Date 6/19/81 Date Completed 7/1/81 Total Depth 4,680' P.B.T.D.

Directional Deviation Oil and/or Gas Purchaser



Elev.: Gr. _____
 DF. _____ KB 2,085'

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/4"	8 5/8"	24#	365'	Liteweight & Common	175 sx 125 sx	3% C.C.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	bbls.	MCF	bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		

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Operator Imperial Oil Company DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: D & A

Well No. 1-14 Lease Name Hendricks

S 14 T 27S R 16W E W

WELL LOG
 Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries. SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Sand & Red Bed	0	366		
Red Bed	366	2038		
Lime & Shale	2038	4680		
RTD		4680		

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	Signature
	Title
	Date